

What we claim is:

1. An isolated polypeptide chosen from those having at least 100 amino acids from domains H<sub>455-661</sub> and/or H<sub>1150-1289</sub> of the neurotoxin C. botulinum.
2. A composition of matter comprising at least one polypeptide of claim 1.
3. A polypeptide of claim 1 bound to a second peptide which acts as an adjuvant.
4. The polypeptide of claim 3 wherein the second peptide is A2 peptide of cholera toxin.
5. The composition of claim 2 wherein the polypeptide of neurotoxin of C botulinum is bound to the A2 peptide of cholera toxin.
6. A method of immunizing a mammal susceptible to botulism by administration of a composition of claim 3.
7. The method of claim 6 wherein the composition contains a polypeptide of neurotoxin of C. botulinum bound to the A2 peptide of cholera toxin.